

Atty. Dkt. No. QUANT1190-3 (028248-1010)
LDQ-1190-CIP3

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effective filing date from U.S. Patent Application No. 08/460,495, filed June 2, 1995 (now U.S. Patent No. 6,034,195), which is a continuation-in-part of U.S. Patent Application No. 08/300,721, filed September 2, 1994 (now U.S. Patent No. 6,034,194), the disclosures of each of which are hereby expressly incorporated herein by reference. --

IN THE CLAIMS:

Kindly enter new Claims 49-57 as follows:

49. (New) A composition comprising

(a) a maleimide-containing compound where the maleimide functional groups are separated by a polyvalent radical having sufficient length and branching to render the maleimide-containing compound a liquid; and

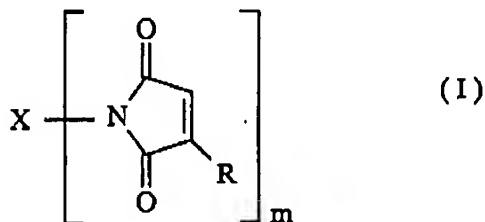
(b) a peroxide cure initiator.

50. (New) The composition of Claim 49, substantially free of inert diluent.

51. (New) A composition comprising

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cont*

a liquid maleimide comprising:



wherein each R is independently hydrogen or lower alkyl,

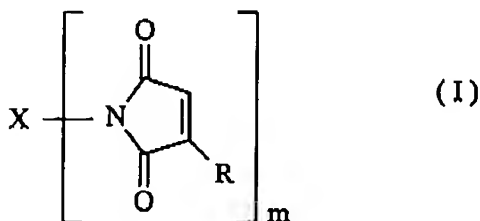
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-X- is a branched chain alkyl or alkylene species having at least 12 carbon atoms, and m is 1, 2 or 3;

and

(b) a peroxide cure initiator.

52. (New) In a microelectronic device adhered to a substrate, the improvement comprising employing a composition to adhere the microelectronic device to the substrate, wherein the composition comprises a bismaleimide compound comprising the structure:



wherein each R is independently hydrogen or lower alkyl,

-X- is a branched chain alkylene species having at least 12 carbon atoms, and m is 2.

53. (New) In a microelectronic assembly comprising a microelectronic device adhered to a substrate, the improvement comprising employing a composition comprising a maleimide-containing compound to adhere the microelectronic device to the substrate, wherein the maleimide-containing compound comprises maleimide functional groups separated by a polyvalent radical having sufficient length and branching to render the maleimide-containing compound a liquid.

54. (New) An assembly comprising a first article permanently adhered to a second article by a cured aliquot of the composition of Claim 49.